

Meeting Agendas/Info

CITY COUNCIL COMMUNICATION:

ITEM _____

01-175

OFFICE OF THE CITY MANAGER CITY OF DES MOINES, IOWA

AGENDA:

APRIL 16, 2001

SUBJECT:

AGREEMENT WITH
EARTH TECH, INC.
FOR CONSTRUCTION
PHASE SERVICES FOR
THE MARTIN LUTHER
KING, JR. PARKWAY
STORM SEWER PUMP
STATION AT SW 14TH
STREET

TYPE:

RESOLUTION
ORDINANCE
RECEIVE/FILE

SUBMITTED BY:

FLOYD BENTZ, P.E.
CITY ENGINEER

SYNOPSIS -

A Professional Services Agreement has been developed with Earth Tech, Inc. (Diane Creel, Chief Executive Officer, 100 West Broadway, Suite 5000, Long Beach, California) for construction phase services on Martin Luther King, Jr. Parkway Storm Water Pump Station. Services provided include project management, inspection, testing, surveying, and other related services, which includes start-up and troubleshooting of the storm water pump station as well as complete operations and maintenance manuals. Earth Tech, Inc. is the engineering consultant working on the Martin Luther King, Jr. Parkway project.

FISCAL IMPACT -

Compensation to Earth Tech, Inc. shall be for actual time on the project at the rates stipulated in the agreement not to exceed \$380,000. Funding for this Professional Services Agreement is provided for in the approved 2001-2002 Capital Improvements Budget, Martin Luther King, Jr. Parkway - East/West Segment, Index Code 383943, Account 521020, Fund CP038, Organization ENG990000, Project/Grant STR039. State Revitalize Iowa's Sound Economy (RISE) grant funds and local Tax Increment Financing (TIF) funds will be utilized for this Professional Services Agreement for construction phase services.

RECOMMENDATION -

Approval.

BACKGROUND -

On April 2, 2001, by Roll Call No. 01-954, the City Council considered a Professional Services Agreement with Earth Tech, Inc. for construction phase services not to exceed \$380,000 on this

pumping station project. The City Council referred this Professional Services Agreement back to the City Engineer for a review of fees.

The Engineering Department has reviewed these fees with the consultant, Earth Tech, Inc., and has reviewed this agreement in comparison with six other storm water pump stations which have recently been constructed in the City of Des Moines. The six storm water pumping stations constructed previously in the mid-1990's were similar but smaller pumping stations and the construction services costs averaged 10.4 percent of construction costs. The proposed construction phase services for this storm water pump station are 10.2 percent which compares favorably to the six previous consultant contracts for storm water pump station projects.

This proposed contract is to provide complete construction engineering services to the City of Des Moines for this project. The agreement includes: full-time on-site construction observation for the one-year construction completion schedule; shop drawing review of materials and components for the pump station; weekly construction meetings; coordination with the Iowa Interstate Railroad for the crossing; coordination with the Corps of Engineers for the levee; coordination with MidAmerican Energy for power; preparation and processing of construction pay requests; assistance by the design engineers during the construction of the project to answer questions and interpret specification related matters; technical project start-up and trouble shooting until the system is on-line; preparation of an Operations and Maintenance Manual for use after the pump station is complete; and project close-out.

This agreement has been prepared as a cost plus fixed fee contract with a maximum not to exceed limit. The hours and hourly rates that are charged to the City of Des Moines are the actual hours and rates of the individuals that work on the project. The overhead rate is based on audits that have been completed by the Iowa Department of Transportation (IDOT) and has been accepted by IDOT. The fixed fee is based on a rate of 15 percent of the direct labor and overhead costs. Earth Tech does not include indirect expenses when determining the fixed fee. All indirect expenses, including subconsultants, are passed on to the City of Des Moines without mark-up. The fixed fee includes but is not limited to profit, business development costs not allowed in overhead by audit, and project write-offs.

Staff considers this consultant contract to be reasonable considering the scope of services required for a project of this magnitude and

recommends approval of this consultant agreement.
